Approved for use through 07/31/2008, OMB 0651-0031 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

ber the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

PATEN

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 of 9

spong to a collection of unormal	on direct it deriver a transfer of the control transfer of
。 が、。 の の	nplete II knovin
Application Number	10/828,495
Filing Date	April 20, 2004
First Named Inventor	Julian Partridge, et al.
Art Unit	2822
Examiner Name	Thanh Tan
Attorney Docket Number	254-094-CIP4/CIP-MB

			U.S.PATE	NT DOCUMENTS TO A STATE OF THE		
Examiner	Cite	Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where Relevant Passages or Relevant	
initials"	No.1	Number-Kind Code ^{2 (if known)}	MM-DD-YYYY	Applicant of Cited Document	Figures Appear	
		US-6,677,670 B2	01/13/2004	Kondo		
		US-6,660,561 B2	12/09/2003	Forthun		
		US-6,627,984 B2	09/30/2003	Bruce, et al.		
		US-6,620,651 B2	09/16/2003	He, et al.		
		US-6,600,222 B1	07/29/2003	Levardo		
		US-6,590,282 B1	07/08/2003	Wang, et al.		
		US-6,572,387 B2	06/03/2003	Burns, et al.		
		US-6,560,117 B2	05/06/2003	Мооп		
		US-6,552,910 B1	04/22/2003	Moon, et al.	-	
	 .	US-6,514,793 B2	02/04/2003	Isaak		
-1		US-6,486,544 B1	11/26/2002	Hashimoto		
		US-6,473,308 B2	10/29/2002	Forthun		
\neg	1	US-6,465,893 B1	10/15/2002	Khandros, et al.		
1		US-6,465,877 B1	10/15/2002	Farnworth, et al.		
+		US-6,462,412 B2	10/08/2002	Kamei, et al.		
1	1 -	US-6,446,158 B1	09/03/2002	Karabatsos		
1 :		US-6,444,921 B1	09/03/2002	Wang, et al.		
1	1	US-6,426,549 B1	07/30/2002	Isaak		
1	1	US-6,426,240 B2	07/30/2002	Isaak		
		US-6,410,857 B1	06/25/2002	Gonya		

Examiner	Cite	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited	Where Relevant Passages	T
Initials*	No.¹	Country Code ³ -Number ⁴ -Kind Code ^{5 (If known)}	IVIVIEDE	Document	or Relevant Figures Appear	
TYT		EP 461-639(A)	12/18/1991	Kitano, et al.		
		JP 2003309246(A)	10/31/2003	Mitsuru		<u> </u>
		JP 2003086761(A)	03/20/2003	Iwao, et al.		
		JP 2003086760(A)	03/20/2003	Masataka, et al.		<u> </u>
		JP 2003037246(A)	02/07/2003	Masami		ᆫ
		JP 2001332683(A)	11/30/2001	Toshiya		乚

Examiner Signature	Thanh	Tran	Date Considered	5/19/05

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

^{*} EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ¹ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.18 if possible. ⁵ Applicant is to place a check mark here if English language Translation is attached.

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Complétell/Aknown Substitute for form 1449/PTO 10/828,495 **Application Number** April 20, 2004 Filing Date INFORMATION DISCLOSURE First Named Inventor Julian Partridge, et al. STATEMENT BY APPLICANT 2811 Art Unit **TBA** (Use as many sheets as necessary) **Examiner Name** 254-094-CIP4/CIP-MB **Attorney Docket Number** Sheet 2

Examiner	Cite	Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where Relevant Passages or Relevant
examiner nitials*	No.1	Number-Kind Code ^{2 (if known)}	MM-DD-YYYY	Applicant of Cited Document	Figures Appear
TYT		US-6,392,162 B1	05/21/2002	Karabatsos	
` ' [US-6,376,769 B1	04/23/2002	Chung	•
		US-6,368,896 B2	04/09/2002	Farnworth, et al.	
\dashv		US-6,360,433 B1	03/26/2003	Ross	
\neg		US-6,351,029 B1	02/26/2002	Isaak	
		US-6,323,060 B1	11/27/2001	Isaak	
		US-6,300,679 B1	10/09/2001	Mukerji, et al.	
		US-6,281,577 B1	08/28/2001	Oppermann, et al.	
		US-6,266,252 B1	07/24/2001	Karabatsos	
		US-6,265,660 B1	07/24/2001	Tandy	
	 	US-6,262,895 B1	07/17/2001	Forthun	
		US-6,262,476 B1	07/17/2001	Vidal	
	 	US-6,233,650 B1	05/15/2001	Johnson, et al.	
	 -	US-6,225,688 B1	05/01/2001	Kim, et al.	
	 	US-6,222,737 B1	04/24/2001	Ross	
	l —	US-6,208,521 B1	03/27/2001	Nakatsuka	
_	<u> </u>	US-6,205,654 B1	03/27/2001	Burns	
\neg		US-6,172,874 B1	01/09/2001	Bartilson	
_		US-6,433,418	08/13/2002	Fujisawa, et al.	
- 	 	US-6,121,676	09/19/2000	Solberg	
- 1/-	t	US-6,097,087	08/01/2000	Farnworth, et al.	

xaminer	Cite	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited	Pages, Columns, Lines, Where Relevant Passages	
Initials*	No.1	Country Code ³ –Number ⁴ –Kind Code ⁵ (if known)	MM-DD-YYYY	Document	or Relevant Figures Appear	
TYT		JP 2001085592(A)	03/30/2001	Kenji		
TYT		JP 2001077294(A)	03/23/2001	Katsumasa		
•						

Examiner Signature	Thanh	Tran	Date Considered	5/19/05

This collection of Information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

^{*} EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. \(^1\) Applicant's unique citation designation number (optional). \(^2\) See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. \(^3\) Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). \(^4\) For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. \(^5\) Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. \(^6\) Applicant is to place a check mark here if English language Translation is attached.

Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE respond to a collection of information unless it contains a valid OMB control number.

			t or 1995, no persons are required t	Complete If (Known			
Su	bstitute for form 144	9/PTO		Application Number	10/828,495		
	ICODIA A T	·ION	DICCI OCUDE	Filing Date	April 20, 2004		
•••			DISCLOSURE	First Named Inventor	Julian Partridge, et al.		
S	TATEME	NT B	Y APPLICANT	Art Unit	2811		
Ī			ets as necessary)	Examiner Name	ТВА		
Chaot	13	of	9	Attorney Docket Number	254-094-CIP4/CIP-MB		
Sheet	1 2	VI					

			U.S.PATE	NIT DOCUMENUS	
Examiner	Cite	Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where Relevant Passages or Relevant
nitials*	No.1	Number-Kind Code ^{2 (if known)}	MM-DD-YYYY	Applicant of Cited Document	Figures Appear
TY7		US-6,072,233	06/06/2000	Corisis, et al.	
, 1, , _		US-6,028,365	02/22/2000	Akram, et al.	
-t		US-6,028,352	02/22/2000	Eide	<u> </u>
- 		US-6,025,642	02/15/2000	Burns	
		US-6,014,316	01/11/2000	Eide	
-1		US-5,953,215	09/14/1999	Karabatsos	
	<u> </u>	US-5,949,657	09/07/1999	Karabatsos	
	<u> </u>	US-5,926,369	07/20/1999	Ingraham, et al.	
	-	US-5,917,709	06/29/1999	Johnson, et al.	
		US-5,869,353	02/09/1999	Levy, et al.	
	<u> </u>	US-5,835,988	11/10/1998	Ishii	
	†	US-5,828,125	10/27/1998	Burns	
		US-5,805,422	09/08/1998	Otake, et al.	
	1	US-5,801,437	09/01/1998	Burns	
	1	US-5,778,552	07/14/1998	Burns	
- 1	1	US-5,776,797	07/07/1998	Nicewarner, Jr., et al.	
+	 	US-5,654,877	08/05/1997	Burns	
	1	US-5,644,161	07/01/1997	Burns	
	T-	US-5,642,055	06/24/1997	Difrancesco	
- ,	/ 	US-5,631,193	05/20/1997	Burns	L

Examiner	Cite	FOREIG Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited	Where Relevant Passages	T
Initials*	No.'	Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	WW-DD-XXXX	Document	or Relevant Figures Appear	_
						
						Ļ
						₽
						Ļ
						Ļ
	-				·	L

				
Examiner	Thanh Tran	Date Considered	5	119105
Signature	. (00 0 -)			

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents. P.O. Box 1450, Alexandria VA 22313-1450. Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

^{*} EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. \(^1\) Applicant's unique citation designation number (optional). \(^2\) See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. \(^3\) Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). \(^4\) For Uspto Patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. \(^5\) Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. \(^6\) Applicant is to place a check mark here if English language Translation is attached.

Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

					Complete if Known				
	Substitute for form 1449/PTO				Application Number	10/828,495			
		NEO		N DISCLOSURE	Filing Date	April 20, 2004			
	• •				First Named Inventor	Julian Partridge, et al.			
	S	TAT	EMENT	BY APPLICANT	Art Unit	2811			
		4	(Use as many s	sheets as necessary)	Examiner Name	TBA			
C)	neet -	14	of	9	Attorney Docket Number	254-094-CIP4/CIP-MB			

M F In	100		U S PATE	NT DOCUMENTS	
Examiner Cite		Cite Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where Relevant Passages or Relevant
nitials*	No.1	Number-Kind Code ^{2 (If known)}	MM-DD-YYYY	Applicant of Cited Document	Figures Appear
TYT		US-5,612,570	03/18/1997	Eide, et al.	
1		US-5,592,364	01/07/1997	Roane	
		US-5,572,065	11/05/1996	Burns	·
		US-5,566,051	10/15/1996	Burns	
		US-5,561,591	10/01/1996	Burns	
		US-5,543,664	08/06/1996	Burns	
		US-5,541,812	07/30/1996	Burns	
-		US-5,523,619	06/04/1996	McAllister, et al.	
		US-5,514,907	05/07/1996	Moshayedi	
		US-5,499,160	03/12/1996	Burns	
		US-5,493,476	02/20/1996	Burns	
		US-5,484,959	01/16/1996	Burns	
	1	US-5,479,318	12/26/1995	Burns	
		US-5,475,920	12/19/1995	Burns, et al.	
	—	US-5,455,740	10/03/1995	Burns	
		US-5,448,511	09/05/1995	Paurus, et al.	
	1	US-5,446,620	08/29/1995	Burns, et al.	
		US-5,428,190	06/27/1995	Stopperan	
	1	US-5,420,751	05/30/1995	Burns	
$ \checkmark$		US-5,402,006	03/28/1995	O'Donley	

Examiner Initials*	Cite	FOREIG	Publication Date	Name of Patentee or Applicant of Cited	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	٦
	No,'	Country Code ³ –Number ⁴ –Kind Code ⁵ (if known)	MM-DD-YYYY	Document		_
				_,		L
				<u></u>		L
						F
						Ļ
						Ļ
•						L

Examiner Signature	Thanh	Tran	Date Considered	5/19	105
_					

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

^{*} EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. \(^1\) Applicant's unique citation designation number (optional). \(^2\) See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. \(^3\) Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). \(^4\) For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. \(^3\) Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. \(^6\) Applicant is to place a check mark here if English language Translation is attached.

Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Unide	die Paperwork in	COUCHITA	ctor 1000, no persono di o coqui	Gomplete fil Known		
Su	ubstitute for form 1	449/PTO		Application Number	10/828,495	
١.,	NEODSAA	TION	DISCLOSURE	Filing Date	April 20, 2004	
				First Named Inventor	Julian Partridge, et al.	
S	STATEME	ENT B	BY APPLICANT	Art Unit	2811	
	(Use as	many she	ets as necessary)	Examiner Name	ТВА	
Sheet	T 5	of	9	Attorney Docket Number	254-094-CIP4/CIP-MB	

	16.12		U.S.PATE	MI DOCUMENTO	
Examiner	Cite	Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where Relevant Passages or Relevant
Initials*	No.1	Number-Kind Code ^{2 (# known)}	MM-DD-YYYY	Applicant of Cited Document	Figures Appear
-V1		US-5,394,010	02/28/1995	Tazawa, et al.	
		US-5,377,077	12/27/1994	Burns	
		US-5,375,041	12/20/1994	McMahon	
		US-5,347,428	09/13/1994	Carson, et al.	
-1		US-5,343,075	08/30/1994	Nishino	
		US-5,313,097	05/17/1994	Haj-Ali-Ahmadi, et al.	
		US-5,311,401	05/10/1994	Gates, Jr. et al.	
		US-5,289,062	02/22/1994	Wyland	
		US-5,281,852	01/25/1994	Normington	
		US-5,279,029	01/18/1994	Burns	
		US-5,262,927	11/16/1993	Chia, et al.	
		US-5,261,068	11/09/1993	Gaskins, et al.	
		US-5,259,770	11/09/1993	Bates, et al.	
		US-5,247,423	09/21/1993	Lin, et al.	
_		US-5,241,454	08/31/1993	Ameen, et al.	<u> </u>
	 	US-5,239,198	08/24/1993	Lin et al.	
\neg		US-5,224,023	06/29/1993	Smith, et al.	
		US-5,222,014	06/22/1993	Lin	
\neg	\vdash	US-5,198,888	03/30/1993	Sugano, et al.	
 		US-5,159,434	10/27/1992	Kohno, et al.	

Examiner	Cite	FOREIG Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited	Pages, Columns, Lines, Where Relevant Passages	ן די
Initials*	No.'	Country Code ³ –Number ⁴ –Kind Code ⁵ (if known)	MM-DD-YYYY Document		or Relevant Figures Appear	
						╙
						<u> </u>
						<u> </u>
						L
						L

Examiner Signature	Thanh Tran	Date Considered	5/19/65

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, USPTIO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

^{*} EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.18 if possible. ⁵ Applicant is to place a check mark here if English language Translation is attached.

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Listentia Description Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Unde	er the Pape	WORK REGULUOTI AL	tor 1995, no persons are required	to respond to a composition or internal	the state of the state of the state of the state of the		
				Complete if Knowns			
s	ubstitute for	form 1449/PTO		Application Number	10/828,495		
	NEOE	MATION	DISCLOSURE	Filing Date	April 20, 2004		
-	• • • • •	•		First Named Inventor	Julian Partridge, et al.		
	STATI	EMENT B	Y APPLICANT	Art Unit	2811		
(Use as many sheets as necessary)				Examiner Name	TBA		
Sheet	6	of	9	Attorney Docket Number	254-094-CIP4/CIP-MB		

	4.4	A PARTIE A	A U S PATE	NT, DOCUMENTS, 1	s de la companya della companya de la companya della companya dell
xaminer Cite		B	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where Relevant Passages or Relevant
nitials*	No.1	Number-Kind Code ^{2 (F trown)}	MM-DD-YYYY	Applicant of Cited Document	Figures Appear
TYT		US-5,138,430	08/11/1992	Gow, 3rd, et al.	
1/		US-5,117,282	05/26/1992	Salatino	
		US-5,104,820	04/14/1992	Go, deceased, et al.	
		US-5,099,393	03/24/1992	Bentlage, et al.	
$\neg \vdash$		US-5,041,015	08/20/1991	Travis	
$\neg \uparrow$		US-5,034,350	07/23/1991	Marchisi	
_		US-5,016,138	05/14/1991	Woodman	
		US-5,012,323	04/30/1991	Farnworth	
		US-4,985,703	01/15/1991	Kaneyama	
		US-4,983,533	01/08/1991	Go	
		US-4,956,694	09/11/1990	Eide .	
		US-4,953,060	08/28/1990	Lauffer, et al.	
		US-4,911,643	03/27/1990	Perry, et al.	
- 1	<u> </u>	US-4,891,789	01/02/1990	Quattrini, et al.	
- 1		US-4,884,237	11/28/1989	Mueller, et al.	
		US-4,862,249	08/29/1989	Carlson	
	<u> </u>	US-4,833,568	05/23/1989	Berhold	
		US-4,823,234	04/18/1989	Konishi, et al.	
_		US-4,821,007	04/11/1989	Fields, et al.	
1/	†	US-4,763,188	08/09/1988	Johnson	

A 10	75	PO 4 ME P P 6 T FOREIG	N PATENT DOCUM	IENTS * * * * *	中 中中中中 中	@ .
Examiner	Cite	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited	Pages, Columns, Lines, Where Relevant Passages	Τ¢
	No.1	Country Code ³ –Number ⁴ –Kind Code ^{5 (if known)}	MM-DD-YYYY	Document	or Relevant Figures Appear	
						_
						<u> </u>
						<u> </u>
						<u> </u>
		·			<u> </u>	
						<u> </u>

Examiner Signature	Thank	Tran	Date Considered	5/19/05

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing this form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

PTO/SB/08A (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

^{*} EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered, Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Nichola to the document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. Applicant is to place a check mark here if English language Translation is attached.

April 20, 2004

2811

TBA

Julian Partridge, et al.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number. Complete II Known Substitute for form 1449/PTO 10/828,495 **Application Number**

Filing Date

Art Unit

First Named Inventor

INFORMATION	DISCLOSURE
STATEMENT B	Y APPLICANT

(Use as many sheets as necessary)

Examiner Name 254-094-CIP4/CIP-MB **Attorney Docket Number** Sheet

Examiner Cite		Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where Relevant Passages or Relevant	
nitials"	No.1		MM-DD-YYYY	Applicant of Cited Document	Figures Appear	
TYT		US-4,733,461	03/29/1988	Nakano		
1/1		US-4,696,525	09/29/1987	Coller, et al.		
_ \		US-4,645,944	02/24/1987	Uya		
	·	US-4,513,368	04/23/1985	Houseman		
_		US-4,437,235	03/20/1984	Mciver		
-H		US-4,406,508	09/27/1983	Sadigh-Behzadi		
		US-4,398,235	08/09/1983	Lutz, et al.		
- 1		US-4,288,841	09/08/1981	Gogal		
/		US-4,103,318	07/25/1978	Schwede		
		US-3,772,776	11/20/1973	Weisenburger		
		US-3,746,934	07/17/1973	Stein		
		US-3,727,064	04/10/1973	Bottini		
		US-3,654,394	04/04/1972	Gordon		
		US-3,436,604	04/01/1969	Hyltin		
		US-2004/0150107	08/05/2004	Cha, et al.		
- 1		US 2004/0021211 A1	02/05/2004	Damberg		
-1	_	US 2003/0168725 A1	09/11/2003	Warner, et al.		
$\neg \top$		US-2002/0180022 A1	12/05/2002	Emoto, Yoshiaki		
-t		US-2002/0164838 A1	11/07/2002	Moon, et al.		
		US-2002/0139577 A1	10/03/2002	Miller		
-1/		US-2002/0101261 A1	08/01/2002	Karabatsos		

Examiner Initials*	Cite No. ¹	FOREIG Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	₹
		Country Code ³ -Number ⁴ -Kind Code ⁵ (it known)				
					ļ	L
						L
						L
						L
						L
				,	:	1

Examiner	1		Date	/	,
		~~~	Considered	<b>T</b> 114	105
Signature	Thanh	Trans	Considered	1 2/19	100
J.3	1 1 10 101	1000			

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

^{*} EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symboles as indicated on the document under WIPO Standard ST.16 if possible. ⁴ Applicant is to place a check mark here if English language

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number. © complete [1] [Known] Substitute for form 1449/PTO 10/828,495 Application Number Filing Date April 20, 2004 INFORMATION DISCLOSURE Julian Partridge, et al. First Named Inventor STATEMENT BY APPLICANT 2811 Art Unit TBA (Use as many sheets as necessary) **Examiner Name** 254-094-CIP4/CIP-MB **Attorney Docket Number** Sheet 8

Examiner	Cite No.1	Document Number	Publication Date	Name of Patentee or	Relevant Passages or Relevant	
nitials*		Number-Kind Code ^{2 (If known)}	MM-DD-YYYY	Applicant of Cited Document	Figures Appear	
TYP		US-2002/0006032 A1	01/17/2002	Karabatsos		
		US-2001/0040793 A1	10/15/2001	Inaba		
	_	US-36,916	10/17/2000	Moshayedi	·	
74		US-				
_		US-				
		US-				
		US-				
		US-				
		US-		<u> </u>		
		US-	<u> </u>			
		US-				
•		US-				
		US-				
		US-				
		US-				
		US-				
		US-				
		US-				
		US-				
		US-	<u> </u>			
		us-				

Examiner tnitials*	Cite	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited	Pages, Columns, Lines, Where Relevant Passages	l τ°
	No.1	Country Code ³ –Number ⁴ –Kind Code ^{5 (if known)}	MM-DD-YYYY Document		or Relevant Figures Appear	
						-
		·				
						L
					T	
Examiner Signature		Thanh I	D 40	Date Considered	5/19/05	

^{*} EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered, Include copy of this form with next communication to applicant. \(^1\) Applicant's unique citation designation number (optional). \(^2\) See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. \(^3\) Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). \(^4\) For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. \(^5\) Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. \(^6\) Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number. Complete if Known (1) Substitute for form 1449/PTO Application Number 10/828,495 April 20, 2004 Filing Date INFORMATION DISCLOSURE Julian Partridge, et al. First Named Inventor STATEMENT BY APPLICANT 2811 Art Unit TBA (Use as many sheets as necessary) **Examiner Name** 254-094-CIP4/CIP-MB **Attorney Docket Number** Sheet 9

* <b>***</b> *******	gelege.	NON PATENTI UTERATURE DOCUMENTS AND LESS AND AND LESS					
		Cite No. Include name of author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where publish					
TYT		WILLIAM R. NEWBERRY, Design Techniques for Ball Grid Arrays, Xynetix Design Systems, Inc., Portland, Maine, Published on the Internet.					
		Tessera Technologies, Inc Semiconductor Intellectual Property, Chlp Scale Packaging - Website pages (3), Published on Internet.					
		Tessera Introduces uZ ä - Ball Stacked Memory Package for Computing and Portable Electronic Products, OYCE SMARAGDIS, Tessera Public Relations, SANDY SKEES, MCA PR (www.tessera.com/news_events/press_coverage.cfm); 2 figures that purport to be directed to the uZ ä - Ball Stacked Memory Package. Published 7/17/2002, San Jose, CA.					
		RON BAUER, Intel. "Stacked-CSP Delivers Flexibility, Reliability, and Space-Saving Capabilities", Spring 2002, Published on the Internet.					
		Tessera uZ Ball Stack Package. 4 figures that purport to be directed to the uZ - Ball Stacked Memory, Published on the Internet.					
		Chip Scale Review Online - An Independent Journal Dedicated to the Advancement of Chip-Scale Electronics. (Webiste 9 pages) FJELSTAD, JOSEPH, Pacific Consultants L.LC., Published Jan 2001 on Internet.					
		Flexible Thinking: Examining the Flexible Circuit Tapes. (Website 2 pages) FJELSTAD, JOSEPH., Published 4/20/2000 on Internet.					
		Die Products: Ideal IC Packaging for Demanding Applications - Advanced packaging that's no bigger than the die itself brings together high performance and high reliability with small size and low cost. (Website 3 pages with 2 figures) LARRY GILG AND CHRIS WINDSOR. December 23, 2002. Published on Internet.					

Cminas		Date	-1.010
Examiner	Thus to Trans	Considered	1 3/19/05
Signature	1 Man Tan		

^{*} EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

¹ Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.